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The streptomyces genome contains multiple pseudo-attB sites for the (phi) C31-encoded site-specific recombination system.

J Bacteriol. 2002 Oct; 184(20): 5746-52.

PMID: 12270833 [PubMed - indexed for MEDLINE]

☐ 2: [Raynal A, Friedmann A, Tuphile K, Guerinneau M, Pernodet JL.](#) Related Articles, Links



Characterization of the attP site of the integrative element pSAM2 from Streptomyces ambofaciens.

Microbiology. 2002 Jan; 148(Pt 1): 61-7.

PMID: 11782499 [PubMed - indexed for MEDLINE]

☐ 3: [Yang Y, Xu C, Ge F, Lu Z, Zhu G, Li H, Liao J, Niu L, Wang Y, Wu M.](#) Related Articles, Links



Site-specific integration of the double-mutation glucose isomerase (GIG138PG247D) gene in Streptomyces lividans and its stable expression.

Curr Microbiol. 2002 Jan; 44(1): 18-24.

PMID: 11727036 [PubMed - indexed for MEDLINE]

☐ 4: [Thomason LC, Calendar R, Ow DW.](#) Related Articles, Links



Gene insertion and replacement in Schizosaccharomyces pombe mediated by the Streptomyces bacteriophage phiC31 site-specific recombination system.

Mol Genet Genomics. 2001 Aug; 265(6): 1031-8.

PMID: 11523775 [PubMed - indexed for MEDLINE]

☐ 5: [Thorpe HM, Wilson SE, Smith MC.](#) Related Articles, Links



Control of directionality in the site-specific recombination system of the Streptomyces phage phiC31.

Mol Microbiol. 2000 Oct; 38(2): 232-41.

PMID: 11069650 [PubMed - indexed for MEDLINE]

☐ 6: [Raynal A, Tuphile K, Gerbaud C, Luther T, Guerinneau M, Pernodet JL.](#) Related Articles, Links



Structure of the chromosomal insertion site for pSAM2: functional analysis in Escherichia coli.

Mol Microbiol. 1998 Apr; 28(2): 333-42.

PMID: 9622358 [PubMed - indexed for MEDLINE]


☐ 7: [Flett F, Mersinias V, Smith CP.](#) Related Articles, Links



High efficiency intergeneric conjugal transfer of plasmid DNA from Escherichia coli to methyl DNA-restricting streptomycetes.

FEMS Microbiol Lett. 1997 Oct 15; 155(2): 223-9.

PMID: 9351205 [PubMed - indexed for MEDLINE]


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Complete conversion of antibiotic precursor to pristinamycin IIA by overexpression of *Streptomyces pristinaespiralis* biosynthetic genes.

Nat Biotechnol. 1997 Apr; 15(4): 349-53.

PMID: 9094136 [PubMed - indexed for MEDLINE]


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The use of an improved transposon mutagenesis system for DNA sequencing leads to the characterization of a new insertion sequence of *Streptomyces lividans* 66.

Gene. 1996 Nov 21; 180(1-2): 81-9.

PMID: 8973350 [PubMed - indexed for MEDLINE]


-  **10:** [Alegre MT, Courmoyer B, Mesas JM, Guerinéau M, Normand P, Pernodet JL.](#) [Related Articles](#), [Links](#)



Cloning of *Frankia* species putative tRNA(Pro) genes and their efficacy for pSAM2 site-specific integration in *Streptomyces lividans*.

Appl Environ Microbiol. 1994 Dec; 60(12): 4279-83.

PMID: 7811067 [PubMed - indexed for MEDLINE]


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Excisive recombination of the SLP1 element in *Streptomyces lividans* is mediated by Int and enhanced by Xis.

J Bacteriol. 1993 May; 175(10): 3075-82.

PMID: 8387994 [PubMed - indexed for MEDLINE]


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Localization and nucleotide sequences of genes mediating site-specific recombination of the SLP1 element in *Streptomyces lividans*.

J Bacteriol. 1993 May; 175(10): 3067-74.

PMID: 8387993 [PubMed - indexed for MEDLINE]


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The chromosomal integration site for the *Streptomyces* plasmid SLP1 is a functional tRNA(Tyr) gene essential for cell viability.

Mol Microbiol. 1992 Oct; 6(20): 3041-50.

PMID: 1479893 [PubMed - indexed for MEDLINE]


-  **14:** [Rausch H, Lehmann M.](#) [Related Articles](#), [Links](#)



Structural analysis of the actinophage phi C31 attachment site.

Nucleic Acids Res. 1991 Oct 11; 19(19): 5187-9.

PMID: 1656389 [PubMed - indexed for MEDLINE]


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Site-specific recombination in *Escherichia coli* between the att sites of plasmid pSE211 from *Saccharopolyspora erythraea*.

Mol Gen Genet. 1991 May; 227(1): 155-9.

PMID: 2046656 [PubMed - indexed for MEDLINE]

-  **16:** [Kuhstoss S, Richardson MA, Rao RN.](#) [Related Articles](#), [Links](#)



Plasmid cloning vectors that integrate site-specifically in *Streptomyces*

spp.

Gene. 1991 Jan 2; 97(1): 143-6. Erratum in: Gene 1991 Jun 15;102(1):145.

PMID: 1995427 [PubMed - indexed for MEDLINE]

☐ **17:** [Schmidt FR, Nuken EJ, Henschke RB.](#)

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Structure and function of hot spots providing signals for site-directed specific recombination and gene expression in Tn21 transposons.

Mol Microbiol. 1989 Nov; 3(11): 1545-55.

PMID: 2559298 [PubMed - indexed for MEDLINE]

☐ **18:** [Boccard F, Smokvina T, Pernodet JL, Friedmann A, Guerin M.](#)

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The integrated conjugative plasmid pSAM2 of Streptomyces ambofaciens is related to temperate bacteriophages.

EMBO J. 1989 Mar; 8(3): 973-80.

PMID: 2721504 [PubMed - indexed for MEDLINE]

☐ **19:** [Kuhstoss S, Richardson MA, Rao RN.](#)

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Site-specific integration in Streptomyces ambofaciens: localization of integration functions in S. ambofaciens plasmid pSAM2.

J Bacteriol. 1989 Jan; 171(1): 16-23.

PMID: 2536654 [PubMed - indexed for MEDLINE]

☐ **20:** [Danilenko VN, Potekhin IaA, Biriukova IV, Navashin SM.](#)

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[DNA cloning in actinomycetes: the creation of vector systems]

Antibiotiki. 1984 Aug; 29(8): 563-72. Russian.

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